

SEQUENCE LISTING

<110> The University of British Columbia
 <120> Regulation of Embryonic Transcription in Plants
 <130> 4810-58741
 <140> PCT/CA 00/00907
 <141> 2000-08-04
 <150> US 60/147,133
 <151> 1999-08-04
 <160> 73
 <170> PatentIn version 3.0
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 <222> (1)..(12)
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 <222> (1)..(25)
 <223> AtproFW

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25

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 <223> lawalk1

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<210> 10
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 <222> (1)..(24)
 <223> lawalk2

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<223> LaproFW

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<223> transcriptional regulatory region

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agacaaagtt tatacgtaca ttttatttta agtggaaaaac cgaaattttc catcgaaata 180
catgaattta gtatatatat ttctgcaatg taactattttg ctatttttggc aactttcagt 240
ggacactac tttattacaa tgggtatgga tgcattgagtt tgagtataca catgtctaaa 300
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<421> promoter

<422> (1)..(900)

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tactgaggt tagagaatag aettgogaat aaacacatte ccgagaaata ctcatgatcc 480
cataattagt cagaggggtat gccaatcaga totaagaaca cacattccct caaattttta 540
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tatcttgcta ttttggcaac tttcagtggg ctactacttt attacaatgt gtaaggatgg 780
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44137

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(210) 18
 (211) 1069
 (212) DNA
 (213) Artificial sequence

(220)
 (221) promoter
 (222) (1)..(1069)
 (223) transcriptional regulatory region

(400) 18	
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gtttgaatcc tactcgagaa gaactaatttt aatttaactgg caaaaataga aatcaattta	240
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 <213> Arabidopsis thaliana;

<220>
 <221> promoter
 <222> (1)..(972)
 <223> FAE1 promoter

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 aatttagac ttaaagagtc tottaagatt caatcctggc tgtgtacaaa actacaaata 420
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 aataaacttg cgaataaaca ccttcccgag caatactcat gatcccataa ttagtcagag 540
 ggtaagcaca tcagatctaa gaacacacat tccctcaaat tttaatgcac atgtaatcat 600
 agttagcac aattcaaaaa taatgtagta ttaaagacag aaatttgtag actttttttt 660
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 gtttaagctcc tt 972

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 <213> Brassica napus;

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 <222> (1)..(1790)
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gcacgtgaga tgaactcgct tggcttgaact ttctgaggaa gattcaagaa cgttcaggtc	300
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gactcgtgac ggaagagcct atgggtttac catagaagat ctccaccact tatactattc	1740

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 <223> FASII promoter

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 ttgtycctct taggtttgaa tctactcga gaagactaat ttttaattac tggcaaaaat 240
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 aggttttgat ccaactcgag tattgagtat tgaacgcttt ttttaaataa aatcttgatt 360
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 aattagtcag aggotagggg gatccagcca atcaatgcta acaacaaaat tctcttaatg 660
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 caatagttac agataaaaaa ctatataaac ttttttattt ggaatataaa agtatcaata 780
 tactatagac aatattttata acgttaaaaa tacaatattt atatttttta tatatttatt 840
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 accacaaaaa tggatccata caaatacatc tcatcgacc ctctccgaca caaaaactgaa 1080
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wrtgrgnrn ynvwbtahr rzyngwtba nayrrwlman nannakumck rakylwgwnra	300
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blbragaahy wmbrrybake hcmkawyzak kyagaagsn nnnnnnnnnn nnnnatcard	660
dyyaasrwa manaxyyyy baannayyth annwwqewn atdtrrmwk nnnnnnagt	720
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ggewnetitt erkynnetw ytwmtttrtt wyaatrwkten natgsmtren atgwknnyw	1020
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1111

<222> (1)..(1055)

<223> consensus sequence of A.T. and L.A. FAEI promoters

<401> 23

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tkaamyaaaar wmwssatttw waaawtsrkt wtyygrktam nnnngttcwt rmwawtwkmw	360
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atcywksmtn gtsyryaaar ytwyawwtrr yayannntk ttwactwt ykrcottann	480
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gcwycctenn nnnnnntcog acacaaanow garca	1055